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|----|----|---|----|---|------|----|
|    |    |   |    |   |      |    |

Application/Control No.

Applicant(s)/Patent under Reexamination

09/829,781

HSU ET AL.

Examiner

Art Unit

Dung (Michael) T. Nguyen

2828

| <b>√</b> | Rejected |
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|          | Allowed  |

(Through numeral) Cancelled

Restricted

Non-Elected Interference

Appeal 0 Objected

|                      |                                  |  | _            | _            |          |          | ı  |          |              | _        |   |
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| Cla                  | im                               | Date   |              |              |          |          |  |          |              |          | 1 |
| Final                | Original                         | 11902  |              |              |          |          |  |          |              |          |   |
| 7                    | 1                                | Ξ  | _            | $\vdash$     |          |          |  | H        |              |          |   |
|                      | 1<br>2<br>3<br>4<br>5            | •  |              |              |          |          |  | Г        |              |          | 1 |
|                      | 3                                |  |              |              |          |          |  |          |              |          |   |
|                      | 4                                | Ш  |              |              |          |          |  |          |              |          |   |
| $\sqcup \sqcup$      | 5                                | Ш  | $oxed{oxed}$ | <u> </u>     | _        |          |  |          |              |          |   |
| ш                    | 6                                | 1  | _            |              | ļ        |          | <u> </u>   | <u> </u> | L            | <u> </u> |   |
| H                    | 6<br>7<br>8                      | 1  |              |              | ļ        |          | ├  |          | ⊢            | <u> </u> | l |
| $\vdash$             | 9                                | -  | -            | -            | -        |          | <del> </del>                                     | ├        | ⊢            | ⊢        | ł |
| H                    | 10                               | -  | -            | <del> </del> |          | ┢        | ┝  | -        | $\vdash$     |          |   |
| H                    | 11                               | H  | $\vdash$     |              |          | -        | $\vdash$   | $\vdash$ | $\vdash$     |          |   |
|                      | 12                               | $\sqcap$   | Г            |              |          |          | Г  |          | Г            | Г        | 1 |
|                      | 13                               |  |              |              |          |          |  |          |              |          |   |
|                      | 10<br>11<br>12<br>13<br>14<br>15 | $\Box$   |              |              |          |          |  |          |              |          |   |
| Щ                    | 15                               | П  |              |              |          |          | $\Box$   | oxdot    |              | Ĺ        |   |
| $\sqcup$             | 16<br>17                         | Н  |              |              | <u> </u> | _        |  |          | L            |          |   |
|                      | 17                               | 1  | ļ            | ļ            | ļ        | ļ        | <b> </b>   | _        | <u> </u>     | <u> </u> | l |
| H                    | 18<br>19                         | H  | ┝            |              | _        | <u> </u> | _  | <u> </u> | <u> </u>     | <u> </u> | ł |
| HH                   | 20                               | Н  | ┝            | _            | _        | ┝        | H  | -        | -            | ⊢        | ł |
| H                    | 21                               | H  | ┝            |              |          | _        |  | -        | ┢            | H        |   |
| H                    | 21<br>22                         | Н  | $\vdash$     |              |          | $\vdash$ |  | $\vdash$ | H            | $\vdash$ | i |
| $\vdash$             | 23                               | 1  |              |              |          | -        | _  |          | _            | -        | 1 |
| П                    | 24                               | 17   |              |              |          | Г        |  |          |              |          | ĺ |
|                      | 24<br>25<br>26                   | $oxed{oxed}$                                     |              |              |          |          |  |          |              |          |   |
|                      | 26                               |  |              | L            | L        |          |  | L.       |              |          |   |
| $\perp$              | 27<br>28                         | Щ.   | L_           |              | L_       |          | <u> </u>   | _        | <u> </u>     | _        |   |
| -                    | 28                               | Ц.   | _            |              | _        | ļ        | <u> </u>   | <u> </u> | <u> </u>     | ļ        |   |
| $\vdash$             | 29                               | ⊬  | -            | <u> </u>     |          | _        | <u> </u>   |          | <u> </u>     |          | l |
| $\vdash\vdash\vdash$ | 30<br>31                         | #  | $\vdash$     | _            | $\vdash$ | _        | ⊢  | ┝        | H            | ⊢        | ł |
| $\vdash$             | 32                               | <del>                                     </del> | _            |              | ┝╌       | $\vdash$ | -  |          |              | ├─       | ł |
| $\Box$               | 32<br>33                         | 1  | <del></del>  |              | -        |          | <del> </del>                                     |          |              | <u> </u> | 1 |
| 74                   | 34                               | V  |              |              |          |          |  |          |              |          |   |
|                      | 35<br>36                         |  |              |              |          |          |  |          |              |          |   |
|                      | 36                               |  |              |              |          |          |  | Ĺ        |              | Ĺ        |   |
|                      | 37                               | _  |              |              | $\vdash$ | L        | <u> </u>   | _        | <u> </u>     | <u> </u> |   |
| $\vdash$             | 38<br>39                         | <u> </u>   | $\vdash$     | _            | $\vdash$ | <u> </u> | $\vdash$   | $\vdash$ | $\vdash$     | <u> </u> | 1 |
|                      |                                  | -  | -            | ļ            |          | <u> </u> | $\vdash$   | <u> </u> | <del> </del> | <u> </u> | - |
| $\vdash\vdash$       | 40<br>41                         | ╁  | $\vdash$     | $\vdash$     | ⊢        | -        | <del> </del>                                     |          | -            |          |   |
| $\vdash$             | 42                               | $\vdash$   | $\vdash$     | $\vdash$     | $\vdash$ | $\vdash$ | $\vdash$   | $\vdash$ | $\vdash$     | $\vdash$ | 1 |
| $\vdash$             | 43                               | $\vdash$   | $\vdash$     | $\vdash$     | Т        |          | $\vdash$   | $\vdash$ | 一            | $\vdash$ | 1 |
|                      | 44                               |  |              | _            |          |          | <del>                                     </del> | _        |              |          | 1 |
|                      | 45                               |  |              |              |          |          |  |          |              |          |   |
|                      | 46                               |  |              |              |          |          |  |          |              |          |   |
|                      | 47                               |  |              |              |          |          | Ľ  |          |              |          |   |
| $\sqsubseteq$        | 48                               | <u> </u>   |              |              | L_       |          | Ļ,   | ļ        | <u> </u>     |          | l |
| <b>  </b>            | 49                               |  |              | _            | _        |          | $\vdash$   | _        | <u> </u>     | <b></b>  |   |
| 1                    | 50                               |  |              |              |          |          | '  | 1        |              |          |   |

| Cla      | aim      | Date     |           |  |          |          |          |          |              |  |
|----------|----------|----------|-----------|--|----------|----------|----------|----------|--------------|--|
|          |          |          |           |  |          |          |          |          |              |  |
| Final    | Original |          |           |  |          |          |          |          |              |  |
|          | 51       |          |           |  |          |          |          |          |              |  |
|          | 52<br>53 | L        |           | $ldsymbol{le}}}}}}}$ | _        |          |          |          |              |  |
|          | 53       |          |           |  |          |          |          |          |              |  |
|          | 54       |          |           |  |          |          |          |          |              |  |
|          | 55       |          |           |  |          |          |          |          |              |  |
|          | 56       |          |           |  |          |          |          |          |              |  |
|          | 57       |          |           |  |          |          |          |          |              |  |
|          | 58       |          |           | Г  |          |          |          |          |              |  |
|          | 59       |          |           |  |          |          |          |          |              |  |
|          | 60       |          |           |  |          |          |          |          |              |  |
|          | 61       |          |           |  |          |          |          |          |              |  |
|          | 62       |          |           |  | Г        |          |          |          |              |  |
|          | 63       |          |           |  |          |          |          |          |              |  |
|          | 64       |          |           |  |          | Г        |          |          |              |  |
|          | 65       |          | П         | Г  | Г        | Г        |          |          |              |  |
|          | 66       |          |           | Г  |          |          |          |          |              |  |
|          | 67       |          |           |  |          |          |          |          |              |  |
|          | 68       |          |           |  |          |          |          |          |              |  |
|          | 69       |          |           |  |          |          |          |          |              |  |
|          | 70       |          |           |  |          |          |          |          |              |  |
|          | 71       |          |           |  |          | L        |          | $\Box$   |              | L  |
|          | 72       |          | L         | _  | <u> </u> | <u> </u> |          | _        | _            |  |
|          | 73       |          | _         | <u> </u>   | L        |          |          | <u> </u> |              | <u> </u>   |
| ļ        | 74       |          |           | L  | <u> </u> | <u> </u> |          | _        | _            | <u> </u>   |
|          | 75<br>76 |          | $\vdash$  | H  | H        | ⊢        |          | _        | _            | <u> </u>   |
|          | 77       |          | -         | H  | ┝        | ┝        |          | _        | ⊢            | _  |
| -        | 77<br>78 |          |           | -  | ┝        | H        | _        |          | $\vdash$     | $\vdash$   |
|          | 79       |          | _         |  | $\vdash$ | $\vdash$ |          |          |              | H  |
|          | 80       |          |           |  |          | <u> </u> | -        |          |              |  |
|          | 81       |          |           |  |          |          |          |          |              |  |
|          | 82       |          |           |  |          |          |          |          |              |  |
|          | 83       |          |           |  |          |          |          |          |              |  |
|          | 84       |          |           |  |          |          |          |          |              |  |
|          | 85       |          |           |  |          |          |          |          |              | $\Box$   |
|          | 86       |          |           |  |          |          |          |          |              |  |
|          | 87       |          |           | <u> </u>   |          |          |          |          |              |  |
|          | 88       |          |           | Ŀ  | L        | <u> </u> |          |          | <u> </u>     |  |
|          | 89       |          |           | <u> </u>   | <u> </u> | ļ        |          |          |              | L  |
| <u></u>  | 90       |          |           | ļ  |          | ļ        |          |          | _            | _  |
| <u> </u> | 91       |          | _         | ļ  |          | ļ        |          |          | ļ            | <u> </u>   |
| <u> </u> | 92       | <u> </u> | $\vdash$  | ⊢  | <u> </u> | <u> </u> |          |          | <u> </u>     | <u> </u>   |
| <b></b>  | 93<br>94 |          | <b></b> - |  |          | ├—       | <u> </u> | <u> </u> | $\vdash$     | $\vdash$   |
| <b>-</b> | 95       |          |           | -  | <u> </u> | $\vdash$ | <u> </u> | _        | _            | $\vdash$   |
|          | 96       |          | H         | $\vdash$   |          | $\vdash$ |          |          | <del> </del> | <u> </u>   |
| <b>-</b> | 97       | $\vdash$ | -         | $\vdash$   | -        | $\vdash$ |          | -        | $\vdash$     | <del>                                     </del> |
| $\vdash$ | 98       |          | -         | H  | H        |          |          |          |              |  |
|          | 99       | Н        |           |  |          |          | $\vdash$ | _        |              | <u> </u>   |
|          | 100      |          |           |  |          |          |          |          |              | Г  |

| Cl    | Date   |  |  |          |                              |            |              |              |            |                 |
|-------|--|--|--|----------|------------------------------|------------|--------------|--------------|------------|-----------------|
|       |  |  |  |          |                              |            |              |              |            |                 |
| Final | Original   |  |  |          |                              |            |              |              |            |                 |
|       |  |  | $\vdash$   | -        | _                            | $\vdash$   | $\vdash$     |              | _          | $\vdash$        |
|       | 102  | -  | $\vdash$   | -        |                              | _          | $\vdash$     | $\vdash$     | $\vdash$   | Н               |
|       | 103  | m  |  |          |                              | <u> </u>   |              |              | <b></b>    | Н               |
|       | 104  |  |  |          |                              | Г          |              |              |            | П               |
|       | 101<br>102<br>103<br>104<br>105<br>106                             |  |  |          |                              |            |              |              |            |                 |
|       | 106  |  |  |          |                              |            |              |              |            |                 |
|       | 107  |  | L.   | Ĺ        |                              |            |              |              |            |                 |
|       | 108<br>109<br>110  |  |  | L        |                              | _          |              | <u> </u>     |            |                 |
|       | 109  |  |  | ļ        |                              | <u> </u> _ |              | _            | _          |                 |
|       | 110  |  | _  | <u> </u> | _                            | <u> </u>   |              |              |            |                 |
|       | 117  | <u> </u>   | ├-   | ├-       | <del> </del>                 | <u> </u>   | <u> </u>     | ├            | <b> </b>   | $\vdash \vdash$ |
|       | 112  | H  | $\vdash$   | $\vdash$ | $\vdash$                     | $\vdash$   | $\vdash$     | ⊢            |            | $\vdash$        |
|       | 114  | $\vdash$   |  | -        | $\vdash$                     | $\vdash$   | ┝            | $\vdash$     | -          | H               |
|       | 115  |  | -  | -        | $\vdash$                     | -          | $\vdash$     | <del> </del> | $\vdash$   | $\vdash$        |
|       | 111<br>112<br>113<br>114<br>115<br>116<br>117                      | <del>                                     </del> | $\vdash$   | ┢        | _                            | $\vdash$   | $\vdash$     | Н            | $\vdash$   | $\vdash$        |
|       | 117  |  | Т  | Г        | $\vdash$                     | Г          | Т            | Г            | $\vdash$   | $\sqcap$        |
|       | 118<br>119<br>120<br>121   |  | _  |          | _                            |            |              |              |            |                 |
|       | 119  |  |  |          |                              |            |              |              |            |                 |
|       | 120  |  |  |          |                              |            |              |              |            |                 |
|       | 121  |  |  |          |                              |            |              |              |            |                 |
|       | 122  |  |  |          |                              |            |              |              |            |                 |
|       | 123  | Ŀ  |  | Ļ        | <u> </u>                     | <u> </u>   | L            |              |            | Ш               |
|       | 122<br>123<br>124<br>125<br>126<br>127<br>128<br>129<br>130<br>131 | lacksquare                                       | <u> </u>   | <u> </u> | <u> </u>                     | <u> </u>   |              | _            | <u> </u>   | Ш               |
|       | 125  |  | <u> </u>   | <u> </u> | <u> </u>                     | <u> </u>   | <u> </u>     |              |            |                 |
|       | 120  | _  | _  | ⊢        | ⊢                            | ┝          | $\vdash$     | <u> </u>     | _          | Н               |
|       | 128  |  |  | _        | ⊢                            | $\vdash$   | ⊢            | $\vdash$     | <u> </u>   |                 |
|       | 129  |  | <del>                                     </del> |          | $\vdash$                     |            |              |              |            |                 |
|       | 130  | -  | -  |          | -                            |            | -            |              |            | -               |
|       | 131  |  |  |          |                              | $\vdash$   |              |              |            |                 |
|       | 132  |  |  |          |                              |            |              |              |            |                 |
|       | 133  |  |  |          |                              |            |              |              |            |                 |
|       | 133<br>134<br>135<br>136<br>137<br>138<br>139                      |  | L  | <u> </u> | <u> </u>                     | L          | <u> </u>     | <u> </u>     | <u> </u>   |                 |
|       | 135  | L  | $ldsymbol{ldsymbol{ldsymbol{eta}}}$              | <u> </u> | <u> </u>                     | <u> </u>   | <u> </u>     | L            | <u> </u>   | Щ               |
|       | 136  | $\vdash$   |  | _        | _                            | _          | _            | _            | _          | $\sqsubseteq$   |
|       | 13/  |  |  | -        | $\vdash$                     | ├-         | ⊢            | <u> </u>     | ⊢          | $\vdash \vdash$ |
|       | 130  | $\vdash$   | ├  | $\vdash$ | $\vdash$                     | $\vdash$   | $\vdash$     | $\vdash$     | $\vdash$   | $\vdash \vdash$ |
|       | 140  | -  |  | $\vdash$ | $\vdash$                     |            | $\vdash$     | $\vdash$     |            | $\vdash$        |
|       | 141  | $\vdash$   | <u> </u>   |          |                              | Ι-         | <del> </del> | <del> </del> |            | $\vdash$        |
|       | 142  |  | <u> </u>   | ┢        | _                            | Г          | Г            | Г            |            | $\Box$          |
|       | 143  |  |  |          |                              |            |              |              |            |                 |
|       | 144  |  |  |          |                              |            |              |              |            |                 |
|       | 145  |  |  |          |                              |            |              |              |            |                 |
|       | 146  |  |  |          |                              |            | L            | L            | L          | Ш               |
|       | 147  |  | <u> </u>   | Ľ        | $ldsymbol{ldsymbol{\sqcup}}$ | Ш          |              |              | L          | Ш               |
|       | 148  | <u> </u>   |  |          | oxdot                        |            |              | L            | lacksquare | Ш               |
|       | 149  | _  |  | _        | ļ                            |            | _            |              | _          | Щ               |
|       | 150  | L  | <u> </u>   | <u> </u> | Ш                            | Щ          | Ш            | Щ            | L          | لـــا           |